

Date: Wed, 25 Aug 93 15:30:52 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1013
To: Info-Hams

Info-Hams Digest Wed, 25 Aug 93 Volume 93 : Issue 1013

Today's Topics:

Alpha Bravo; America Brazil
ARLB072 902 mHz study sought
A strange thing that happens when you
Audio filters for CW & SSB ?
How does your key feel? (4 msgs)
How Long? (2 msgs)
Info-Hams Digest V93 #1010
Information needed about WESTlink news
Questions on stacked arrays
Stolen Equipment
Trying to locate Doug Otoupal
VE vagaries

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 25 Aug 1993 19:42:46 GMT
From: agate!doc.ic.ac.uk!uknet!pavo.csi.cam.ac.uk!bck1@ames.arpa
Subject: Alpha Bravo; America Brazil
To: info-hams@ucsd.edu

If you recognise the following alphabet I'd be grateful
if you could fill in some of the gaps for me.

America Brazil Chile Denmark E.. Finland Greece Hawaii I..
J.. Kilowatt L.. Mexico Norway Ocean Pacific Q.. Radio
Sweden Texas U.. Venezuela Whisky Xray Y.. Zulu

Also: is there a name for it?

Brian Kelk
Cambridge
U.K.
bck1@cl.cam.ac.uk

Date: 25 Aug 93 16:42:58 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!cis.ohio-state.edu!mstar!n8emr!
bulletin@network.ucsd.edu
Subject: ARLB072 902 MHz study sought
To: info-hams@ucsd.edu

=====
| Automatic relayed from packet radio via |
| N8EMR's Ham BBS, 614-895-2553 |
=====

ZCZC AG14
QST de W1AW
ARRL Bulletin 72 ARLB072
>From ARRL Headquarters
Newington CT July 9, 1993
To all radio amateurs

SB QST ARL ARLB072
ARLB072 902 MHz study sought

902 mhz study sought

'Adopt no rules without further study,' the ARRL has recommended to the FCC, in a Commission proposal to expand the use of Automatic Vehicle Monitoring (AVM) systems in the 902-928 MHz band.

The proposal, in PR Docket 93-61, would allow the expansion of AVM systems through the creation of a new location and monitoring service (LMS) in the 902-928 MHz band. Amateurs already share this band with government radiolocation, fixed, and mobile services, in addition to industrial, scientific, and medical (ISM) equipment and various non-licensed, low-power 'Part 15' devices.

The FCC said in its Notice of Proposed Rule Making that such an expansion of AVM in this frequency range 'could lead to rapid congestion of available spectrum' and asked current users of the

band if they could handle any increased congestion.

'If not,' the FCC said, 'commenters should offer potential solutions, short of removing Part 15 users and amateur operations from the band, restricting where such users could operate in the band, or placing stricter limitations on the operations in this band.'

The League said that no action should be taken until the FCC has studied the potential for interaction between AVM and wind profiler radar systems, the suitability of AVM operations for highway safety systems in a crowded RF environment, and the alternative technologies available for the same purpose served by AVM and Location and Monitoring Services.

More information is in qst for may 1993, page 88.

NNNN

Date: 25 Aug 93 11:30:12 CDT
From: timbuk.cray.com!hemlock.cray.com!cherry10!dadams@uunet.uu.net
Subject: A strange thing that happens when you
To: info-hams@ucsd.edu

Then there is the oldie, (I don't know who does it), "You were my brown eyed girl", (I don't know the real title)

"Do you remember when
We use to sing,
Sha la la la la la la la la la
dit dah dit
Just like that!
Oooh, and you were my, my, my, my, my,
Brown eyed girl."

David, NOWWN/AA

November Zero Whiskey Whiskey November

--David C. Adams Statistician Cray Research Inc. dadams@cray.com
-Sourdough and Ham- - Minnesotans for Global Warming! -
(&gardner)

Date: 25 Aug 93 19:00:34 GMT
From: ogicse!uwm.edu!spool.mu.edu!sdd.hp.com!col.hp.com!fc.hp.com!
perry@network.ucsd.edu
Subject: Audio filters for CW & SSB ?

To: info-hams@ucsd.edu

Mohan Pakkurti (mohan@tulip) wrote:

: Hello,

: I am interested to know about Audio filter which are used for SSB and CW
: operation. I have read about them from the ARRL Handbook.

: Can you tell me what the popular kind of filters are and which company makes
: good quality filters?

I built the ARRL handbook project. I have used it for both CW and SSB.
It does exactly what it's supposed to do.

I don't use it anymore because audio filters won't get rid of
adjacent-frequency heavyweights like an IF filter does. The end effect
is that the desired signal gets blanked during Mr 10KW's peaks because
of IF overload. An audio filter is like closing the gate after the
horse has escaped.

If you're going to buy, I'd suggest spending the money on an IF filter.

Perry
AA0ET

Date: 25 Aug 1993 10:41:09 -0700

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-
state.edu!cs.utexas.edu!asuvax!chnews!ornews.intel.com!ornews.intel.com!not-for-
mail@network.ucsd.edu

Subject: How does your key feel?

To: info-hams@ucsd.edu

I own two J-38's which both have had their bakelite knobs replaced with cheap
plastic ones. The bakelite cracks and breaks after time and heavy brass
pounding I guess. I won't use any other key probably because the J-38 is
what I cut my teeth on and I once spent a lot of time pounding one. I got
to where I could put out 22 wpm bursts and usually ran 18 wpm but
probably can't now. I think I had more time when younger because CW just
seems to take so long now.

I've tried the Navy keys with double knobs, Nye keys the same, other stuff,
doesn't feel right. I also own an old Lionel J-36 bug that I took all the
parts off and put on the other side cause I'm left-handed. Its got an
extra weight that I stole off a chrome lightnin' bug before I sold it.
It works okay but the J-38 just feels better.

Paddles = keyboard to me and I won't ever use em.

--

WA7LDV zardoz@ornews.intel.com

<<<ZARDOZ>>>

Date: Wed, 25 Aug 1993 19:54:52 GMT

From: agate!howland.reston.ans.net!usc!sdd.hp.com!col.hp.com!news.dtc.hp.com!
srgenprp!donrm@ames.arpa

Subject: How does your key feel?

To: info-hams@ucsd.edu

Jeffrey D. Angus (jangus@skyld.tele.com) wrote:

> Bencher. No doubt a smooth key, but not rugged enough. I got half way though

As far as I'm concerned, there is only *one* great ambiatic paddle - that's the Brown Brothers design. Too bad they're out of business. I always wondered why someone didn't buy up their casting equipment, etc.

73

Don Montgomery, K6LTS

donrm@sr.hp.com

Date: 25 Aug 93 21:14:12 GMT

From: news.crd.ge.com!crd.ge.com!mallick@uunet.uu.net

Subject: How does your key feel?

To: info-hams@ucsd.edu

I still use the "Brass Pounder" key I bought from Lafayette Radio back in the mid-60's. I like the feel, since the spring is a bit lighter than all of the other keys I have tried. For a keyer paddle, I use a Bencher; nicely made, but it does seem kind of fragile.

--

John A. Mallick WA1HNL

GE Corporate Research and Development
Schenectady, NY 12301

E-mail: mallick@crd.ge.com

Phone: (518)-387-7667 (W)

FAX; (518)-387-6560 (W)

Date: Wed, 25 Aug 1993 20:00:58 GMT

From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa

Subject: How does your key feel?

To: info-hams@ucsd.edu

Jeff,

I've been using a straight key which I found in someone's trash can; don't know the brand name (it says Japan on the bottom - never heard of that company before), it's got ball bearings at the pivot points (are those really necessary?), and it also has this cheap bronze finish on it that's flaking off.

I ONLY work CW and my xmtrs are all homebuilt QRP rigs, so I guess this key has the same personality as my xmtrs (my philosophy concerning ham radio is to do it as cheaply as possible, not buying what I can build or scrounge).

I like my key but I have nothing to compare it to. Oh, I do have an old bug (not Vibroplex) from the 30's but don't use it.

I used to be a CW operator for the Coast Guard - the keys we had were quite old - they were a 'no-name' variety.

Gee, does the type of key really matter? I could send code with just two pieces of crossed wire - just switch hands periodically when one gets tired.

Oh, my straight key has a shorting switch on it - that's good to have in case my ham shack ever get flooded and starts to sink - just close the switch so the rescue ships can DF my QTH while I take to the liferaft...

Jeff NH6IL

Jeffrey Herman, University of Hawaii Mathematics, jherman@Hawaii.Edu

Date: Tue, 24 Aug 1993 07:39:06 EDT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!gatech!
usenet.ufl.edu!usenet.cis.ufl.edu!caen!malgudi.oar.net!news.ysu.edu!psuvm!ucf1vm!
jmeaker@network.ucsd.edu
Subject: How Long?
To: info-hams@ucsd.edu

>Does anyone know how long it is currently taking to get tickets back from
>the FCC? I took my Tech no code on July 17th and they told me 6-8 weeks.
>I've since heard as long as 12. Can someone tell me how long before I should
>start looking for it please?

My upgrade took 11 weeks through the W5YI system. New licenses also arrived at the same time so the supposed quicker turn around time for upgrades was not evedent this time.

BTW - They are up to KD4EJ? for novice through general and
KR4A? for advanced in the 4th call district.

John kr4ah

Date: Wed, 25 Aug 1993 16:44:02 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!moe.ksu.ksu.edu!crcnis1.unl.edu!news.unomaha.edu!
cwis.unomaha.edu!ncc2001@network.ucsd.edu
Subject: How Long?
To: info-hams@ucsd.edu

Don't want to scare you, but I took my test 25 May and I just got it this
Monday the 23rd (12 weeks, 6 days). Whatever you do, do not mug the mailman
everyday, they are beginning to cary mace! ;)

Anyway, I hope it comes in for you much quicker than it did for me!

73's

--
| Michael Fortner NOYBC * "I've got all this love to give and |
| ncc2001@cwis.unomaha.edu * so far all I have is my ham radio" |
| "What do you mean, pop quiz? * -Selma Bouvier |
| This is the first day of class!" * |

Date: 25 Aug 93 18:58:12 GMT
From: news-mail-gateway@ucsd.edu
Subject: Info-Hams Digest V93 #1010
To: info-hams@ucsd.edu

Date: 25 AUG 93 14:18:35 EST
From: pa.dec.com!jac.nuo.dec.com!smoken.enet.dec.com!brunelle@decwrl.dec.com
Subject: Information needed about WESTlink news
To: info-hams@ucsd.edu

Greetings,

I am looking for information about the WESTlink News.
Specifically information about how to access.

73 de John

* "Opinions or Expression are mine, and not my employers" *
* *
* John Brunelle Call: KA1FYB *
* Digital Equipment Corp. AX25 Packet: KA1FYB @ KB4N.NH.USA.NA *
* Salem, New Hampshire Internet: brunelle@smoken.enet.dec.com *

Date: 25 Aug 1993 22:20:05 GMT
From: news.cerf.net!lsi.lsil.com!plf98!willis@network.ucsd.edu
Subject: Questions on stacked arrays
To: info-hams@ucsd.edu

I am wondering if there is anyone who is anyone who has 3 or more cophase KLM
KT34XA's
If so:
What spacing are you using?
What height is your highest antenna?
What rotators are you using?
How's the SWR per band?
Thanks for the information in advance. I hope to be trying it out for myself real
soon.

73's N6WCW

Date: 25 Aug 93 21:42:32 GMT
From: news-mail-gateway@ucsd.edu
Subject: Stolen Equipment
To: info-hams@ucsd.edu

Following equipment was stolen from amateur radio station WB9IVR on 8/23/93.

Yaesu FT-109RH 220 MHz HT SN: 6 N 020426

Yaesu FT-727R 144/440 MHz HT (serial number not recorded...ARRRGH)

Yaesu NC-15 desk battery charger/power supply SN: 6 K 300625

Realistic HTX-202 144 MHz HT SN: 0026518

also a beige duffel bag with red straps & a putty cash box were taken.

Case Number MP930-37921, Officer J. D. Howe #237

non-emergency call: (407) 259-1211 (Melbourne, FL PD)

(yeah, it's a long shot...but you never know...bill wb9ivr)

Date: Wed, 25 Aug 1993 13:28:25 GMT
From: ftpbox!mothost!white!sapphire.rtsg.mot.com!oemsu02!paulk@uunet.uu.net
Subject: Trying to locate Doug Otoupal
To: info-hams@ucsd.edu

I am trying to get in touch with Doug Otoupal, down in 5-land. I have misplaced his email address, unfortunately.

If anyone know his address, or him, please drop me a note !!

... sorry for the bandwidth waste :^(

Paul WD8DKY
paulk@wes.mot.com

Date: 25 Aug 93 13:07:56 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: VE vagaries
To: info-hams@ucsd.edu

In rec.radio.amateur.misc,
William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:
>< and accredit ve's. so, how does one become a w5fy (?) ve? how
>< do arrl and w5fy ve's differ?
>
>W5YI has a bigger CSCE form. Some differences in how the VE team does the
>paperwork/creates tests. Basically, you just contact w5yi and ask for an
>application. Same with ARRL (believe the info is on the info server at ARRL).

To contact the ARRL/VEC, you can Email me; or write to ARRL/VEC
225 Main St, Newington CT 06111; or call 203-666-1541.

To contact the W5YI-VEC, you can Email 3511297@mcimail.com; or write
to W5YI-VEC, PO Box 565101, Dallas TX 75356-5101; or call 817-461-6443.

Here's a full VECs list:

ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 203-666-1541
The 1993 Test Fee is \$5.60.

Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121
(or) 907-274-5546

Central Alabama VEC, 1215 Dale Dr SE, Huntsville, AL 35801;
205-536-3904

Charlotte VEC, 227 Bennett Ln, Charlotte, NC 28213;
704-596-2168

Great Lakes ARC VEC Inc., PO Box 273, Glenview, IL 60025;
708-486-8019

Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;
818-892-2068, 805-822-1473.

Jefferson ARC, PO Box 73665, Metairie, LA 70033; No phone

Koolau ARC, 45-529 Nakuluai St, Kaneohe, HI 96744;
808-235-4132

Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;
(d) 301-572-5124, 301-317-7819, (n) 301-588-3924

The Milwaukee RAC Inc., 1737 N 116th St, Wauwatosa, WI 53226;
414-774-6999. Test fee for 1993 is \$5.00.

Mountain ARC, PO Box 234, Cumberland, MD 21502; 304-289-3576

PHD ARA Inc., PO Box 11, Liberty, MO 64068; 816-781-7313

Sandarc-VEC, PO Box 2446, La Mesa, CA 92044; 619-465-3926

Sunnyvale VEC ARC, PO Box 60142, Sunnyvale, CA 94088-0142;
408-255-9000

Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27260;
919-841-7576

Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,
Knoxville, TN 37912-2545; 615-688-7771.
The 1993 Test Fee is \$5.60.

W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443
The 1993 Test Fee is \$5.60.

Bart J. Jahnke, KB9NM | USENET: bjahnke@arrl.org
Manager, ARRL Volunteer | GENie: ARRL.HQ
Examiner Program | BIX: ARRL
ARRL VEC Dept. | PRODIGY: MGTS39A (c/o Luck Hurder)
225 Main St | MCI ID: 215-5052
Newington, CT 06111 | CompuServe: 70007,3373
Voice (203) 666-1541 | America On-Line: ARRL HQ
FAX (203) 665-7531

- * Listings of Examination Opportunities -- bi-weekly postings
- * Volunteer Examining procedures - ARRL VE Manual
- * Support and Instruction for Volunteer Examiners - Coordinating Exams
- * Member, National Conference of VECs Question Pool Committee
- * Information on what's required to become an Amateur Radio licensee
- * Contributing Editor - QST Magazine - Exam Info column
- * On-the-air interests: VHF/UHF/SHF SSB/CW Weak Signal Operating and Contests

*eof.

Date: 25 Aug 93 18:09:11 GMT
From: ogicse!news.tek.com!cascade.ens.tek.com!ronk@network.ucsd.edu
To: info-hams@ucsd.edu

References <31074@ksr.com>, <1993Aug24.163838.27260@walter.cray.com>,
<1993Aug25.101407@kuttner.sfc.sony.com>
Reply-To : Ron.C.Kirkpatrick@tek.com
Subject : Re: MARS frequencies

In article <1993Aug25.101407@kuttner.sfc.sony.com>, weaver@kuttner.sfc.sony.com
(Eric Weaver) writes:

|>
|> In article <1993Aug24.163838.27260@walter.cray.com>, rps@cray.com (Russell P.
Starksen) writes:
|> |> It's just like the federal Government, "You can't know something unless you
|> |> already know it".
|> |>
|> |> I find it interesting that you can't join MARS unless you have a radio
|> |> that can work 2 of their HF frequencies yet you can't modify your radio
|> |> to work these frequencies unless you have a MARS call sign. :-)
|>
|> Um, surely this is mistaken?
|>
|> A ham can do any doggone thing to his rig as long as he doesn't TRANSMIT

|> outside an authorized band.
|>
|> You can modify your radio to work those frequencies any time; you just can't
|> actually work them until you have the MARS call sign.

What Russell was referring to is that DEALERS (for the most part) will not provide the information needed to open up the transmit range without seeing a copy of your CAP or MARS license.

--

Ron Kirkpatrick
News Administrator/Postmaster
Tektronix, Inc
503-627-6707

Date: 25 Aug 93 20:19:40 GMT
From: ogicse!uwm.edu!spool.mu.edu!umn.edu!csus.edu!csulb.edu!byon@network.ucsd.edu
To: info-hams@ucsd.edu

References <106155@donald.WichitaKS.NCR.COM>, <1993Aug24.022750.23080@ke4zv.uucp>,
<106437@donald.WichitaKS.NCR.COM>
Subject : Re: Roanaoke DF evaluation?

If anyone is interested, I have a source for Doppler DF kits. They come with everything except the array. It's based on the schemo from the t hunting book with a plus or two. They are real nice at \$99.

--

Byon Garrabrant KD6BCH byon@csulb.edu

Date: 25 Aug 93 17:14:07 GMT
From: ogicse!uwm.edu!spool.mu.edu!sgiblab!sfcsun!weaver@network.ucsd.edu
To: info-hams@ucsd.edu

References <ogSHvNm00jWR4KNnRP@andrew.cmu.edu>, <31074@ksr.com>,
<1993Aug24.163838.27260@walter.cray.com>~
Subject : Re: MARS frequencies

In article <1993Aug24.163838.27260@walter.cray.com>, rps@cray.com (Russell P. Starksen) writes:
|> It's just like the federal Government, "You can't know something unless you

|> already know it".
|>
|> I find it interesting that you can't join MARS unless you have a radio
|> that can work 2 of their HF frequencies yet you can't modify your radio
|> to work these frequencies unless you have a MARS call sign. :-)

Um, surely this is mistaken?

A ham can do any doggone thing to his rig as long as he doesn't TRANSMIT
outside an authorized band.

You can modify your radio to work those frequencies any time; you just can't
actually work them until you have the MARS call sign.

[Not a ham, just play one on the radio.]

--

Eric Weaver Sony AVTC 3300 Zanker Road, 4th fl. SJ CA 95134 408 955-4904
& Chief Engineer, KFJC 89.7 Foothill College Los Altos Hills, CA 94022

Date: 25 Aug 93 14:39:13 GMT
From: ncrigw2.ncr.com!ncrhub2!torynews!ncrlnk!ncrwic!donald!kthompso@uunet.uu.net
To: info-hams@ucsd.edu

References <9308230330.AA26066@deepthought.cs.utexas.edu>,
<106155@donald.WichitaKS.NCR.COM>, <1993Aug24.022750.23080@ke4zv.uucp>.c
Subject : Re: Roanaoke DF evaluation?

gary@ke4zv.uucp (Gary Coffman) writes:

)not give a good null. However, polarization of the transmit antenna
)isn't an issue unless the cross polarization loss is so great that
)the signal can't be heard. Beams are only really useful if the signal
)is weak enough into the receiver to get a relative strength indication.

A horizontal signal, reflected will have vertical components that the FM
receiver will capture better. One gets all sorts of incorrect readings
that cannot be interpreted. With a beam one can swing around vertical and
horizontal once each and find out the polarization of the transmitter.

)A step attenuator can help here. The doppler doesn't care if the signal
)is weak or strong, it merely measures the difference in time of arrival

It does care if the signal is weak, it will not be heard. The antennae are
NOT sensitive. One reason, losses in the PIN diodes, another, all the
transmission line mismatches.

)you're in a multipath situation while the beam does not. Doppler systems

)are great because they work well while you are mobile in motion, giving
)you a continous readout of the relative bearing of the fox.

Do not get me wrong. I have one and like it. But it takes expiarence to
use it right and cannot be the only tool in use. I have found too many
ways to fool it, when I have been the fox.

--

Ken Thompson NOITL
Disk Array Hardware Development
Peripheral Products MPD-Wichita
NCR Corp. an AT&T company
3718 N. Rock Road Wichita,Ks 67226
(316) 636-8783
Ken.Thompson@wichitaks.ncr.com

End of Info-Hams Digest V93 #1013
